

Pompano Beach Green Station Demonstration Project



BACKGROUND

Tri-Rail's Pompano Beach Station, in Broward County, contains many outdated features that are in need of improvement. The South Florida Regional Transportation Authority (SFRTA) has identified several station upgrades that are necessary to maintain a satisfactory level of service for Tri-Rail passengers and users of connecting transit services. In addition, park-and-ride capacity at this station is rapidly reaching saturation levels, as utilization nearly doubled between 2006 and 2008.



Elevation of Proposed Pompano Beach Station

DESCRIPTION

SFRTA is seeking to build a prototype "green" transit station which will enhance safety, provide additional passenger amenities, and improve vehicular circulation. The project consists of numerous environmentally friendly features, and sustainable construction methods will be used. It is hoped that Silver LEED Certification will be achieved. In addition to promoting sustainable transportation, the green project features will result in lower SFRTA operating and maintenance costs at the Pompano Beach Station.

STUDY BENEFITS:

- Installation of solar panels on new platform canopies and bridge
- Charging station for electric vehicles
- Bicycle lockers
- Lighting upgrades, using LED fixtures
- Pedestrian bridge over tracks
- New, longer platform canopies
- Covered area for bus transfers
- Redesigned park-and-ride lot

STUDY BENEFITS:

- Increased passenger shelter from the sun and inclement weather
- Provides sustainable transportation options
- Reduced station operating and maintenance costs
- Increased park-and-ride capacity
- Improved circulation and access

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